Example adapted to render its results to html with Rmd and knitr.

```
# Example usage of OaxacaSurvey

# Load required packages
library(survey) # depends on for svyglm and survey designs
```

```
## Loading required package: grid
```

```
## Loading required package: Matrix
```

```
## Loading required package: survival
```

```
##
## Attaching package: 'survey'
```

```
## The following object is masked from 'package:graphics':
##
##     dotchart
```

```
library(boot) # depends on for bootstraping CI
```

```
##
## Attaching package: 'boot'
```

```
## The following object is masked from 'package:survival':
##
##     aml
```

```
library(data.table) # for joint results presentation
library(OaxacaSurvey) # latest version of this package

library(magrittr) # optional, for piping with %>%


############################## Test code ##############################

# Import dataset and prepare it for SurveyOaxaca
df <- fread("eff-pool-2002-2020.csv")
df[, group := 0][class == "worker", group := 0][class == "capitalist", group := 1]
df[, rentsbi := 0][rents >= renthog * 0.1 & rents > 2000, rentsbi := 1]

# Define data object simulating a suvey with sampling weigths (variable w)
data <- data.frame(
  y = df$renthog,
  x1 = df$rentsbi,
  x2 = as.numeric(as.factor(df$homeowner)) - 2,
  group = df$group,
  weights = df$facine3
)

# Apply "oaxaca_blinder_svy" function to simulated data
result <- oaxaca_blinder_svy(
  y ~ x1 + x2,
  data = data,
  group = "group",
  weights = "weights",
  R = 10
```

```
)

# Return Oaxaca-Blinder decomposition with bootestraped CI

result %>% print()
```

```
##                 unex                end               coef
## 1:          12868.92           6.471047          -219.2577
## 2: 11821.27,13721.37 -384.6137, 239.9012 -1769.581, 1514.073
##                  inter             total          means1_y          means2_y
## 1:            -19.8668          12636.27           44504.9          31868.64
## 2: -310.1967, 144.5232 10295.19,14921.75 41941.23,46973.73 31546.17,32195.68
##            means_dif
## 1:          12636.27
## 2: 10295.19,14921.75
```